

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Michael R. Krames; Daniel A. Steigerwald; Fred A. Kish, Jr.; Pradeep Rajkomar; Jonathan J. Wierer, Jr.; Tun S. Tan

Assignee: Lumileds Lighting U.S. LLC

Title: III-Nitride Light-Emitting Device With Increased Light Generating Capability

Serial No.: 10/071,507 Filing Date: February 7, 2002

Examiner: Ida M. Soward Group Art Unit: 2822

Docket No.: LUM-M-9152-3D US

San Jose, California  
February 9, 2004

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

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FEB 09 2004

RESPONSE TO OFFICE ACTION

**OFFICIAL**

Dear Sir:

This responds to the Office Action dated September 25, 2003. Please amend the above-identified application as follows.

Amendments to the claims are reflected in the listing of claims beginning on page 2 of this paper.

Remarks begin on page 7 of this paper.

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## FACSIMILE COVER SHEET

<b>Date:</b>	<b>February 9, 2004</b>	<b>Fax:</b>	<b>703-872-9306</b>
<b>To:</b>	<b>U.S. Patent and Trademark Office</b>	<b>Phone:</b>	<b>703-306-3329</b>

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<b>From:</b>	<b>Rachel V. Leiterman</b>	<b>RECEIVED CENTRAL FAX CENTER</b>
<b>Serial No.:</b>	<b>10/071,507</b>	<b>FEB 09 2004</b>
<b>Docket:</b>	<b>LUM-M-9152-3D US</b>	
<b>Re:</b>	<b>Response to Office Action</b>	
<b>Pages:</b>	<b>13 (including cover sheet)</b>	<b>OFFICIAL</b>

### Message:

Re: Applicant(s): Michael R. Krames; Daniel A. Steigerwald; Fred A. Kish, Jr.;  
Pradeep Rajkomar; Jonathan J. Wierer, Jr.; Tun S. Tan  
Assignee: Lumileds Lighting U.S., LLC  
Title: III-Nitride Light-Emitting Device With Increased Light  
Generating Capability  
Serial No.: 10/071,507  
Examiner: Ida M. Soward  
Docket No.: LUM-M-9152-3D US  
Filed: February 7, 2002  
Group Art Unit: 2822

Dear Sir:

Transmitted herewith are the following documents in the above-identified application:

- (1) Transmittal Letter (1 page in duplicate);
- (2) Response to Office Action (10 pages).

The information contained in this message is intended only for the personal and confidential use of the designated recipient(s) named above. This message may be an attorney-client communication and may be protected by the work product doctrine. As such, this document is privileged and confidential. If the reader of this message is not the intended recipient, you are hereby notified that you have received this document in error and that any review, dissemination, distribution, or copying of this message is strictly prohibited. If you have received this communication in error, please notify us immediately by telephone and destroy any copies of this document in your possession. Thank you.



Brian D. Ogonowsky

Carmen C. Cook

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Rachel V. Leiterman

February 9, 2004

Via Facsimile  
 Commissioner for Patents  
 P. O. Box 1450  
 Alexandria, VA 22313-1450

Re: Applicant(s): Michael R. Krames; Daniel A. Steigerwald; Fred A. Kish, Jr.;  
 Pradeep Rajkomar; Jonathan J. Wierer, Jr.; Tun S. Tan  
 Assignee: Lumileds Lighting U.S., LLC  
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 Serial No.: 10/071,507  
 Examiner: Ida M. Soward  
 Docket No.: LUM-M-9152-3D US  
 Filed: February 7, 2002  
 Group Art Unit: 2822

Dear Sir:

Transmitted herewith are the following documents in the above-identified application:

- (1) This Transmittal Letter (1 page in duplicate);
- (2) Response to Office Action (10 pages).

- ☐ No additional fee is required.  
☒ The fee has been calculated as shown below:

	<u>Claims Remaining After Amendment</u>		<u>Highest No. Previously Paid For</u>		<u>Present Extra</u>	<u>Rate</u>		<u>Additional Fee</u>
Total Claims	36	Minus	22	=	14	x \$18	\$	252.00
Independent Claims	1	Minus	3	=	0	x \$86	\$	0.00
<input type="checkbox"/>	Fee of _____ for the first filing of one or more multiple dependent claims per application						\$	
<input checked="" type="checkbox"/>	Extension of Time Fee (2 months)						\$	420.00
<input checked="" type="checkbox"/>	Conditional Petition for Extension of Time: If an extension of time is required for timely filing of the enclosed document(s) after all papers filed with this transmittal have been considered, an extension of time is hereby requested.							
<input checked="" type="checkbox"/>	Please charge our Deposit Account No. 502226 in the amount of							672.00
<input checked="" type="checkbox"/>	Also, charge any additional fees required and credit any overpayment to our Deposit Account No. 502226.							
	<b>Total:</b>						\$	672.00

Certification of Facsimile Transmission	
I hereby certify that this paper is being facsimile transmitted to the U.S. Patent and Trademark Office on the date shown below.	
<i>R. Leiterman</i> Signature	<i>2/9/2004</i> Date

Respectfully submitted,

Rachel V. Leiterman  
 Attorney for Applicant(s)  
 Reg. No. 46,868